

II. Amendments to the Claims

In compliance with the Revised Amendment Format, the text of all claims under examination is submitted, and the status of each is identified. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. – 7. (Cancelled)

8. (Currently Amended) An anti-angiogenic compound consisting essentially of two units complexed to a copper metal ion, wherein said units are independently selected from the group consisting of an amino acid, a dipeptide consisting of two amino acids, wherein each amino acid is independently selected from the group consisting of Ala, Asp, Glu, Gly, Pro, Thr, Val, Leu, Ile, Lys, Ser, Gln and Trp, and ~~or~~ an analog thereof which has a carboxyl and an amino group capable of complexing with copper and that targets cells of an angiogenic tissue.

9. (Withdrawn)

10. (Currently Amended) An anti-angiogenic compound consisting essentially of two units complexed to a copper metal ion, wherein each of said units is a dipeptide and as defined in claim 8, wherein said dipeptide is glutamyl-tryptophane.

11. (Withdrawn)

12. (Currently Amended) A composition of matter comprising ~~consisting essentially of~~ an effective amount of a compound as defined in claim 8, and a pharmaceutically acceptable vehicle.

13. (Withdrawn)

14. (Currently Amended) A composition of matter comprising an effective amount of a compound as defined in claim 10 and a pharmaceutically acceptable vehicle 12, ~~wherein said dipeptide is glutamyl-tryptophane.~~

15. (Withdrawn)

16. (Currently Amended) A composition as defined in claim 12, which further comprises ~~an anti-inflammatory, an anti-tumor agent, an anti-oxidant, or an anti-collagenolytic agent.~~

17. (Currently Amended) A composition as defined in claim 14 ~~12~~, which further comprises an anti-tumor agent.
18. (Original) A composition as defined in claim 17 wherein said anti-tumor agent comprises a shark cartilage extract.
19. (Original) A composition as defined in claim 17, wherein said anti-tumor agent comprises a shark cartilage extract and an anti-neoplastic agent.
20. (New) An anti-angiogenic compound consisting essentially of two units complexed to a copper metal ion, wherein each of said units is a dipeptide and wherein said dipeptide is independently selected from the group consisting of glutamyl-tryptophane, carnosine, and anserine.
21. (New) The anti-angiogenic compound of Claim 8 wherein said units are dipeptides, and wherein one amino acid of said dipeptide is a D-amino acid.
22. (New) A composition as defined in claim 16, wherein said anti-tumor agent comprises a shark cartilage extract.
23. (New) A composition as defined in claim 16, wherein said anti-tumor agent comprises a shark cartilage extract and an anti-neoplastic agent.
24. (New) The anti-angiogenic compound of Claim 8 wherein said units are dipeptides consisting of two amino acids, wherein each amino acid is independently selected from the group consisting of Ala, Asp, Gln, Glu, Gly, Pro, Ser, and Thr.